

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071520\
 Data File : VU039499.D
 Acq On : 15 Jul 2020 15:11
 Operator : SY/MD
 Sample : L3296-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG0

Quant Time: Jul 16 04:11:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 16 04:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	89384	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	85967	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40420	5.00	ug/L	0.00

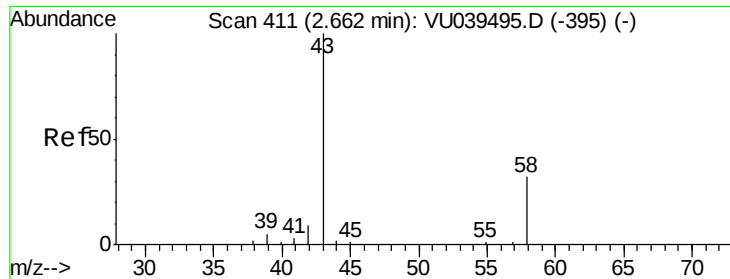
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21476	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.93	69	25388	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.58	63	34921	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.65	46	109300	46.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.22%
24) Chloroform-d	5.09	84	52932	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.72	65	33171	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.75	84	100822	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.71	67	34317	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.91	98	87137	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	8.19	79	12849	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.64	63	77715	40.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.60%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	31255	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	33856	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

					Ovalue
13) Acetone	2.66	43	1659	1.297	ug/L 87
14) Carbon disulfide	2.81	76	2858	0.153	ug/L # 93
16) Methylene chloride	3.07	84	549	0.082	ug/L 87
25) Chloroform	5.11	83	27419	2.358	ug/L 96
34) Trichloroethene	6.26	95	1636	0.246	ug/L # 7
35) Methylcyclohexane	6.71	83	6964	0.654	ug/L # 18
37) 1,2-Dichloropropane	6.70	63	4241	0.605	ug/L # 91
38) Bromodichloromethane	7.12	83	1203	0.134	ug/L # 77
39) cis-1,3-Dichloropropene	7.57	75	1167	0.110	ug/L # 75
48) 2-Hexanone	8.68	43	4346	1.008	ug/L # 82
59) 1,2,3-Trichloropropane	11.81	75	6593	1.277	ug/L 88

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#13

Acetone

Concen: 1.297 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

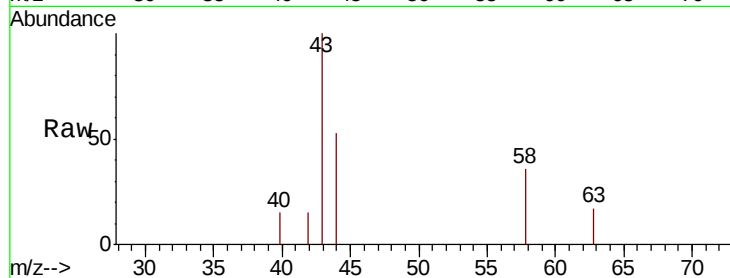
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Tot Ion: 43 Resp: 1659

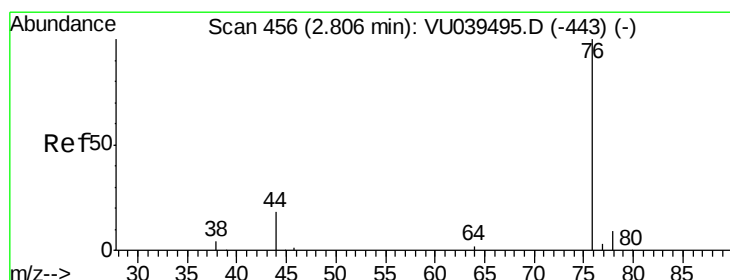
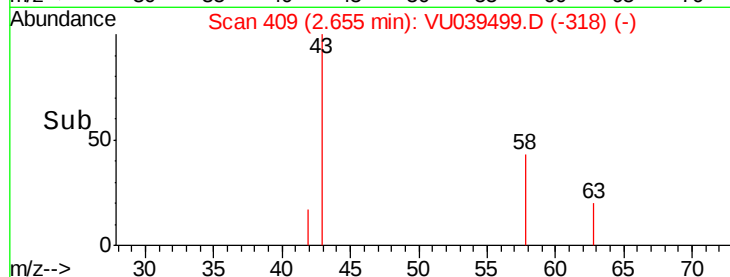
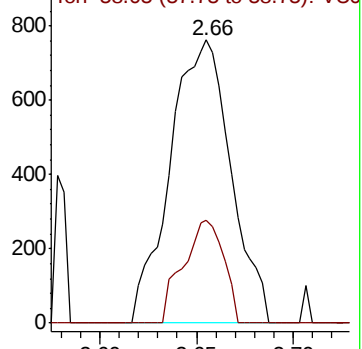
Ion Ratio Lower Upper

43 100

58 24.2 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU039499.D (-395) (-)



#14

Carbon disulfide

Concen: 0.153 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU039499.D

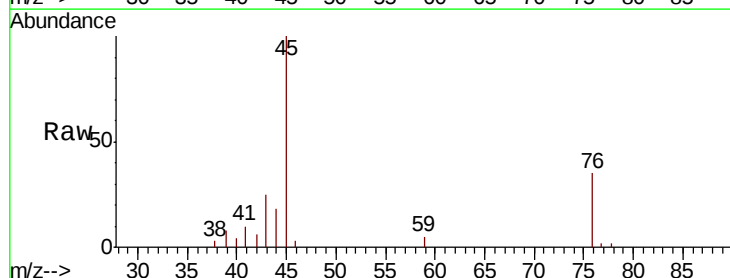
Acq: 15 Jul 2020 15:11

Tgt Ion: 76 Resp: 2858

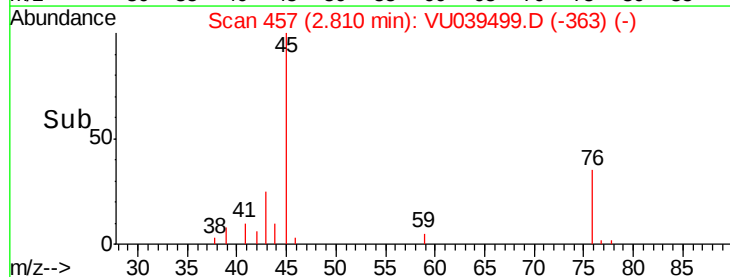
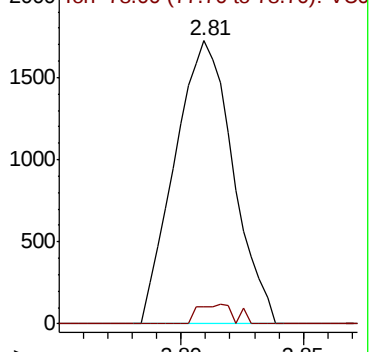
Ion Ratio Lower Upper

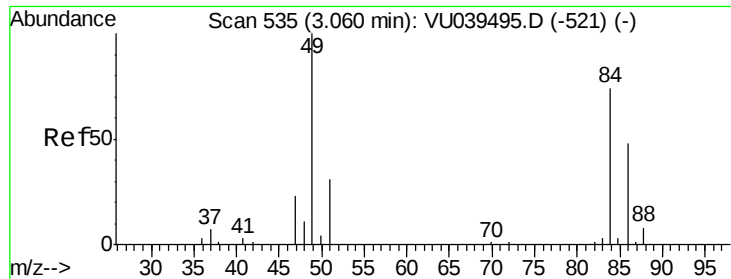
76 100

78 6.2 7.0 10.4#



Abundance Ion 76.05 (75.75 to 76.75): VU039499.D (-443) (-)

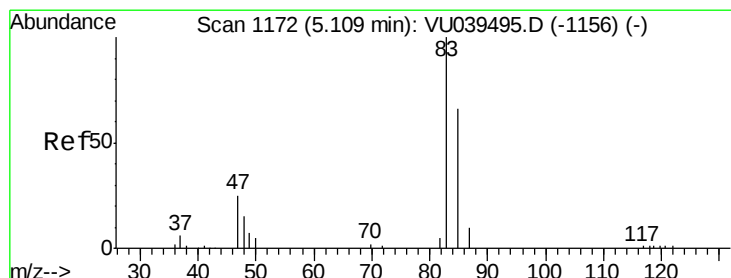
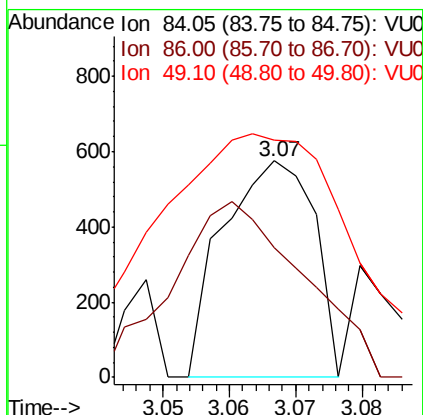
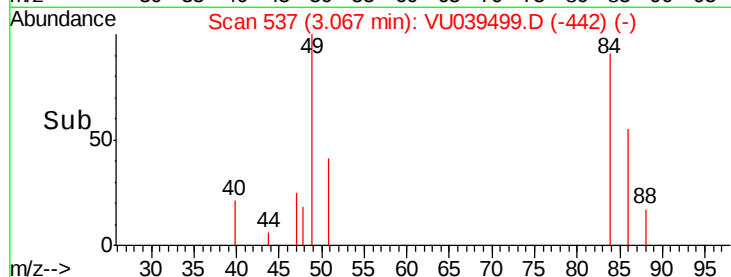
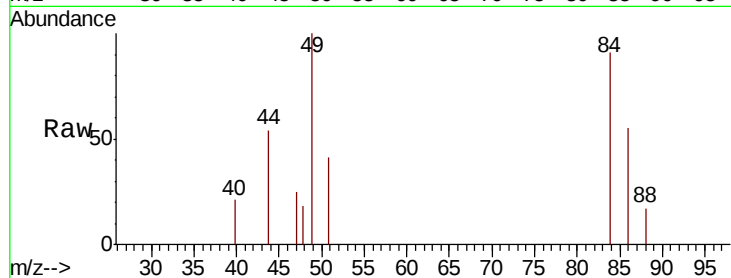




#16
Methvlene chloride
Concen: 0.082 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU039499.D
Acq: 15 Jul 2020 15:11

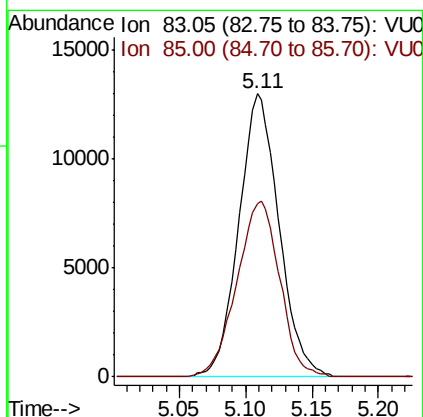
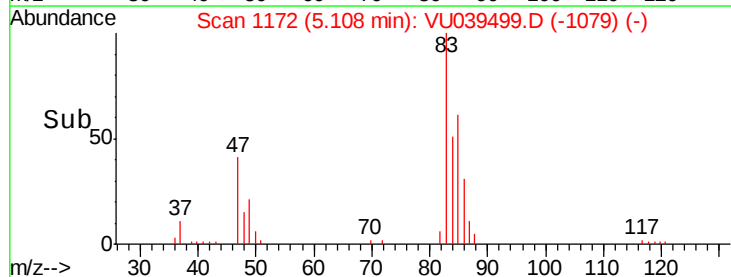
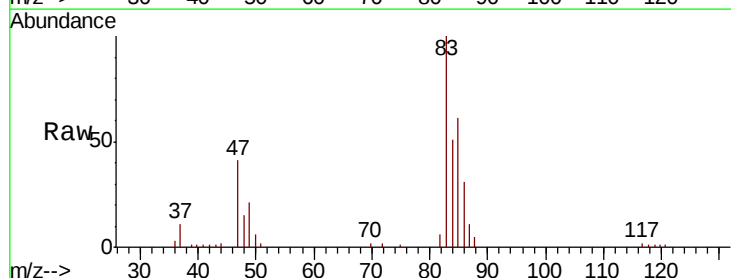
Instrument :
MSVOA_U
ClientSampleId :
C0AG0

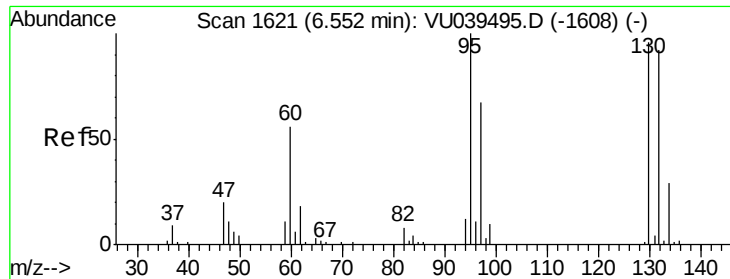
Tot Ion: 84 Resp: 549
Ion Ratio Lower Upper
84 100
86 60.0 43.5 80.9
49 109.9 91.1 169.1



#25
Chloroform
Concen: 2.358 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. -0.00 min
Lab File: VU039499.D
Acq: 15 Jul 2020 15:11

Tgt Ion: 83 Resp: 27419
Ion Ratio Lower Upper
83 100
85 61.1 44.9 83.5





#34

Trichloroethene

Concen: 0.246 ug/L

RT: 6.26 min Scan# 1531

Delta R.T. -0.29 min

Lab File: VU039499.D

Acq: 15 Jul 2020 15:11

Instrument :

MSVOA_U

ClientSampleId :

C0AG0

Tot Ion: 95 Resp: 1636

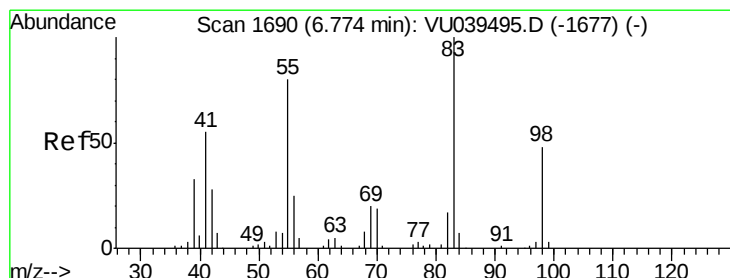
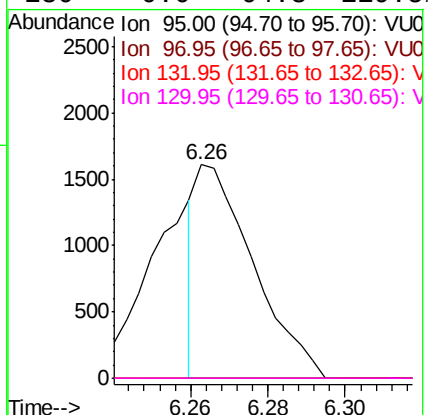
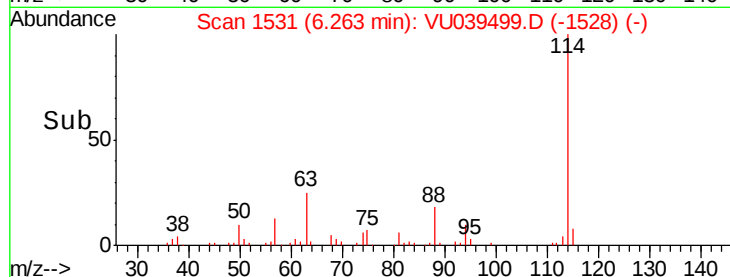
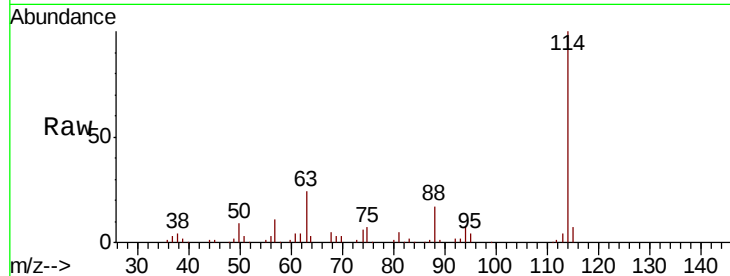
Ion Ratio Lower Upper

95 100

97 0.0 46.3 85.9#

132 0.0 64.0 118.8#

130 0.0 64.3 119.5#



#35

Methylcyclohexane

Concen: 0.654 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU039499.D

Acq: 15 Jul 2020 15:11

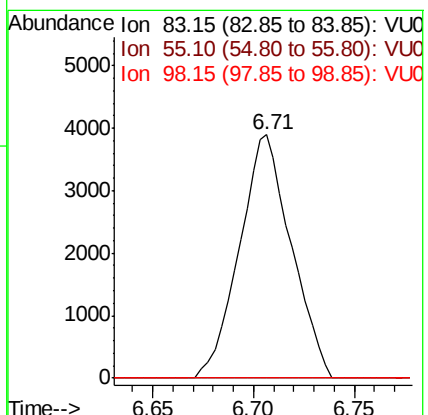
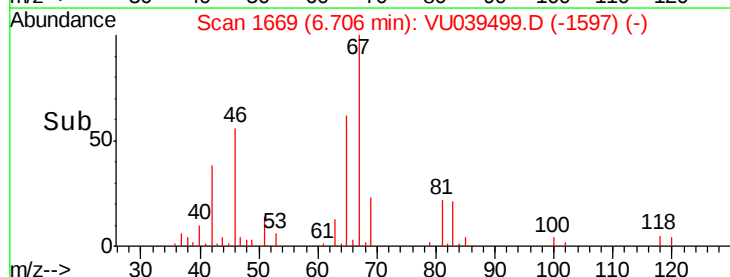
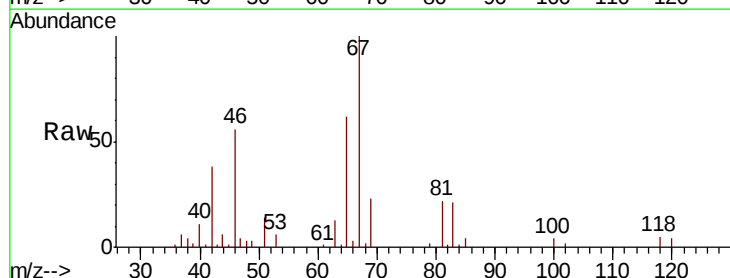
Tgt Ion: 83 Resp: 6964

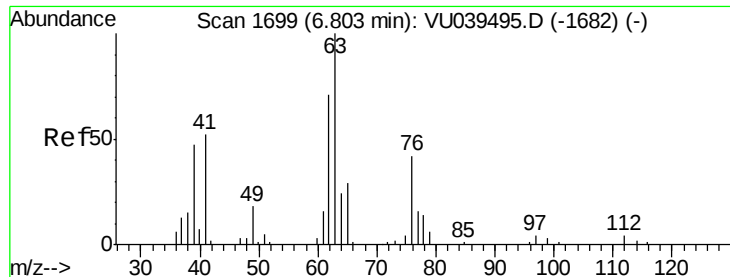
Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

98 0.3 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.605 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU039499.D

Acq: 15 Jul 2020 15:11

Instrument :

MSVOA_U

ClientSampled :

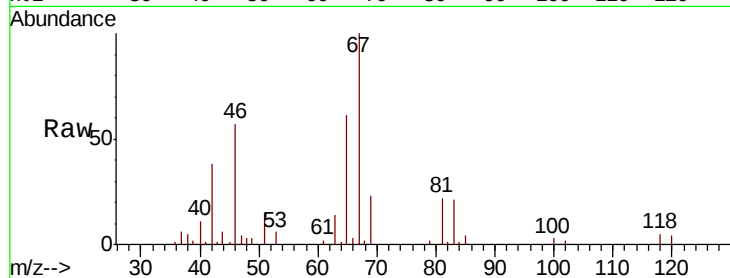
C0AG0

Tot Ion: 63 Resp: 4241

Ion Ratio Lower Upper

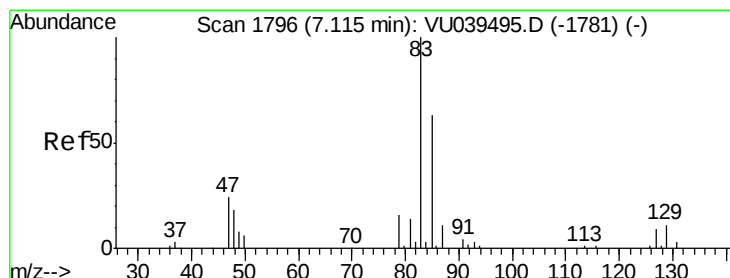
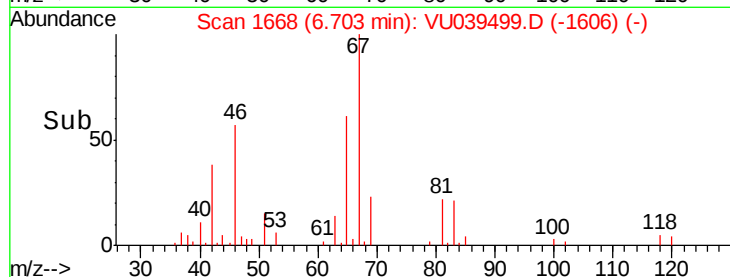
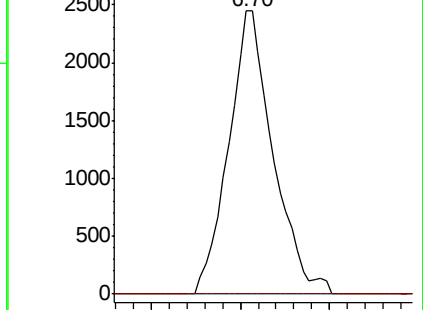
63 100

112 0.0 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VU039499.D (-1668) (-)

Ion 112.10 (111.80 to 112.80): VU039499.D (-1668) (-)



#38

Bromodichloromethane

Concen: 0.134 ug/L

RT: 7.12 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VU039499.D

Acq: 15 Jul 2020 15:11

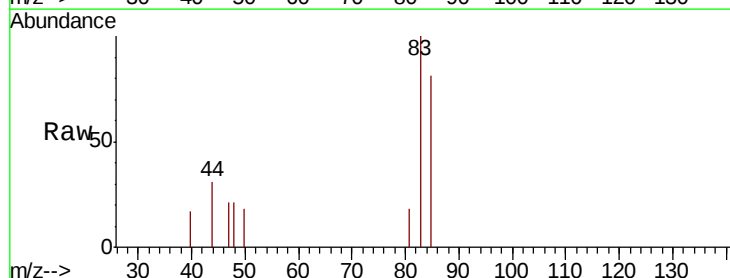
Tgt Ion: 83 Resp: 1203

Ion Ratio Lower Upper

83 100

85 80.9 44.0 81.6

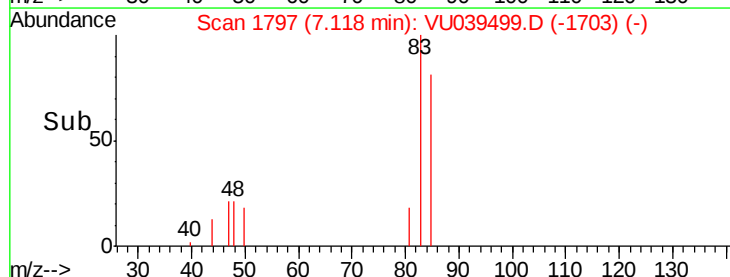
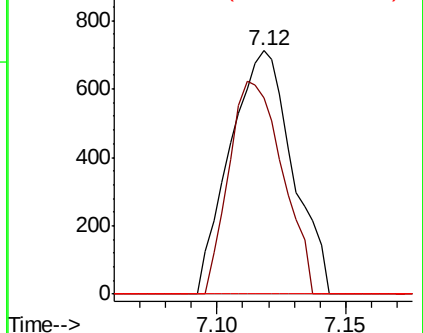
127 0.0 6.2 9.4#

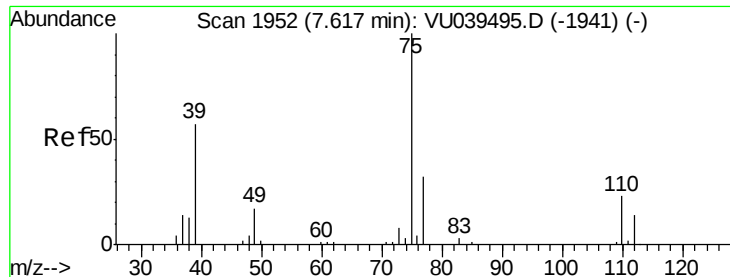


Abundance Ion 82.95 (82.65 to 83.65): VU039499.D (-1797) (-)

Ion 85.00 (84.70 to 85.70): VU039499.D (-1797) (-)

Ion 126.90 (126.60 to 127.60): VU039499.D (-1797) (-)



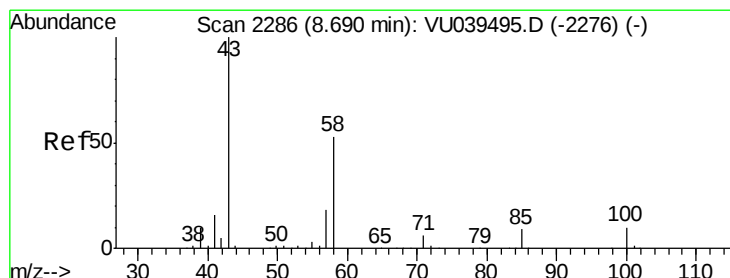
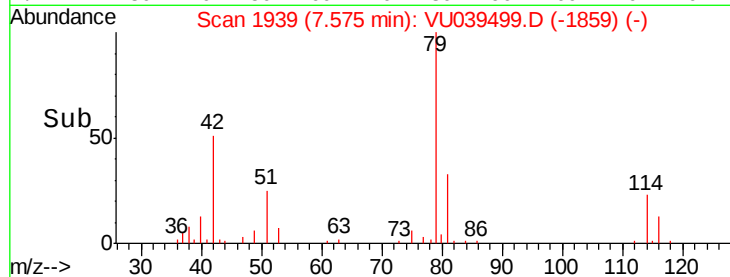
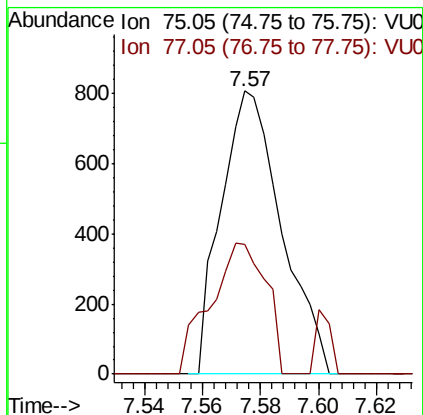
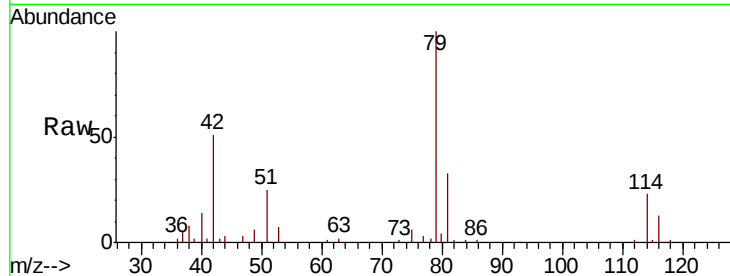


#39

cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039499.D
 Acq: 15 Jul 2020 15:11

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG0

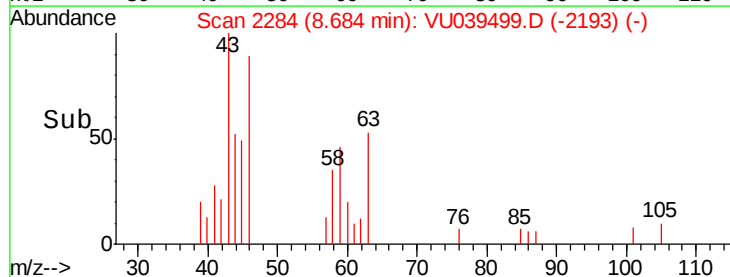
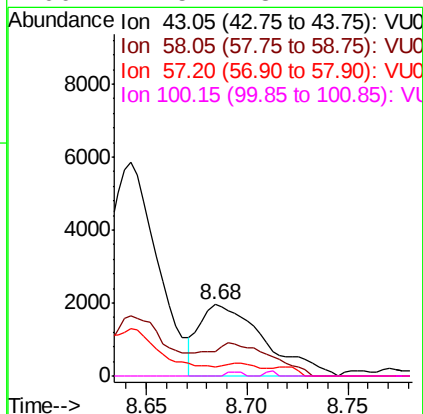
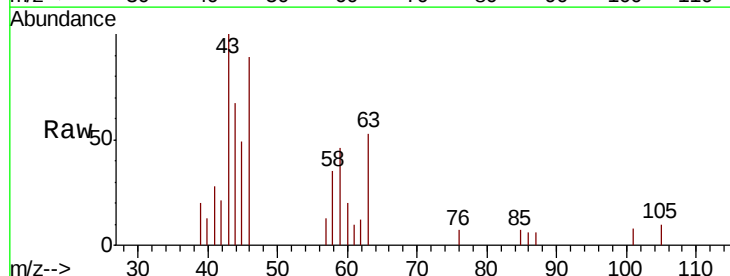
Tot Ion: 75 Resp: 1167
 Ion Ratio Lower Upper
 75 100
 77 46.0 22.3 41.3#

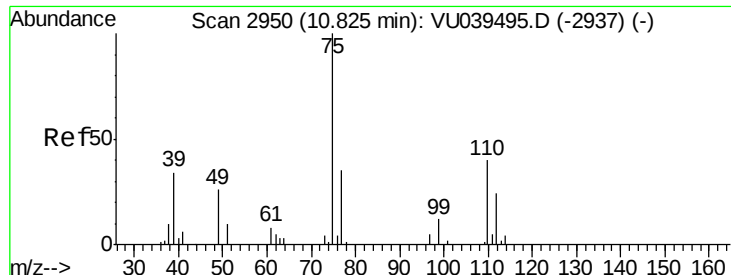


#48

2-Hexanone
 Concen: 1.008 ug/L
 RT: 8.68 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: VU039499.D
 Acq: 15 Jul 2020 15:11

Tgt Ion: 43 Resp: 4346
 Ion Ratio Lower Upper
 43 100
 58 39.7 42.0 63.0#
 57 10.3 14.0 21.0#
 100 1.5 8.2 12.2#





#59
 1,2,3-Trichloropropane
 Concen: 1.277 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.98 min
 Lab File: VU039499.D
 Acq: 15 Jul 2020 15:11

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AG0

Tot Ion: 75 Resp: 6593
 Ion Ratio Lower Upper
 75 100
 77 40.1 26.8 40.2

